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10/712.322

November 12, 2003

Thomas R. Gingras

1634

Rehner, Steven C.

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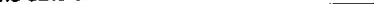
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Remarks Response to Non-Final Office Action (12 pages)		

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SIGNATURE OF APPLICANT			
Firm	Affymetrix, Inc.		
Signature			
Printed Name	Lisa T. Kajisa		
Date	10/19/2006	Reg. No.	57,516

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

Attorney Docket No. 3535.1/US

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Applicants: Thomas Gingeras, et al.

Examiner: Pohnert, Steven C.

Serial No: 10/712,322

Group Art Unit: 1634

Filing Date: November 12, 2003

**Title: Methods and Compositions and
Computer Software Products for
Interrogating Sequence Variations in
Functional Genomic Regions**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

OCT 19 2006

AMENDMENT/RESPONSE

Dear Sir:

In reply to the Office Action mailed August 22, 2006, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 7 of this paper.